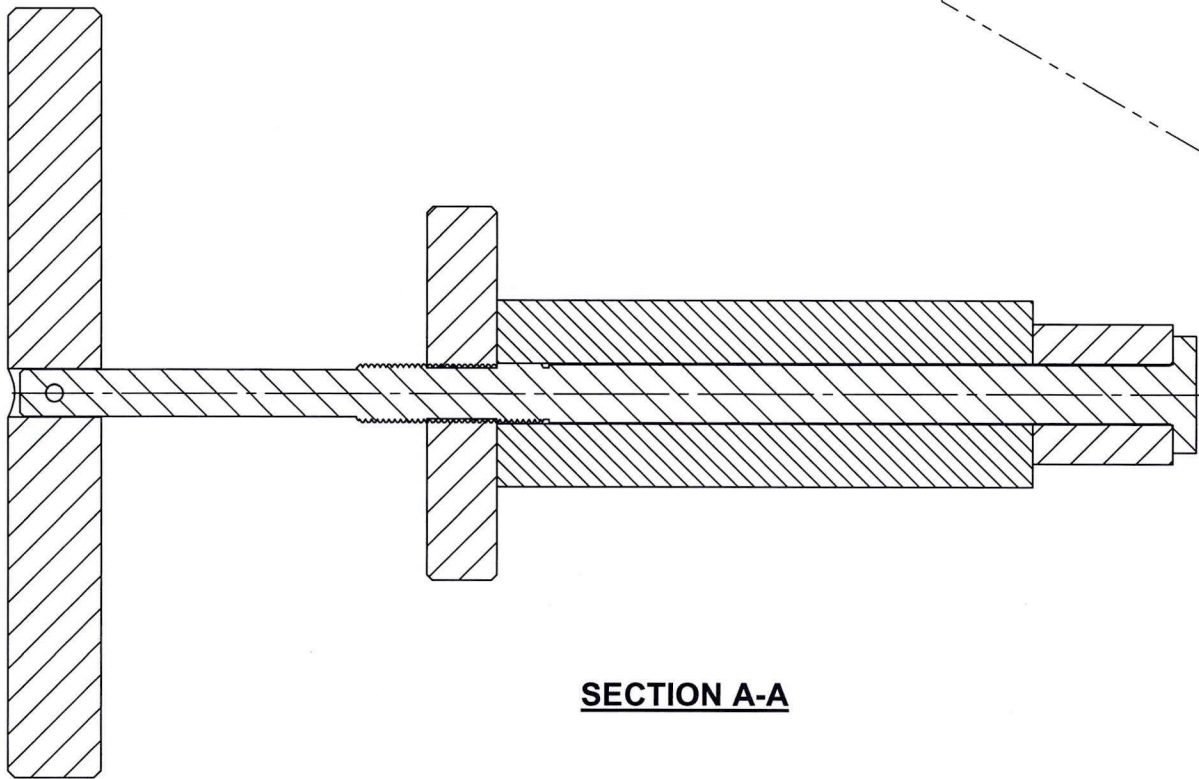
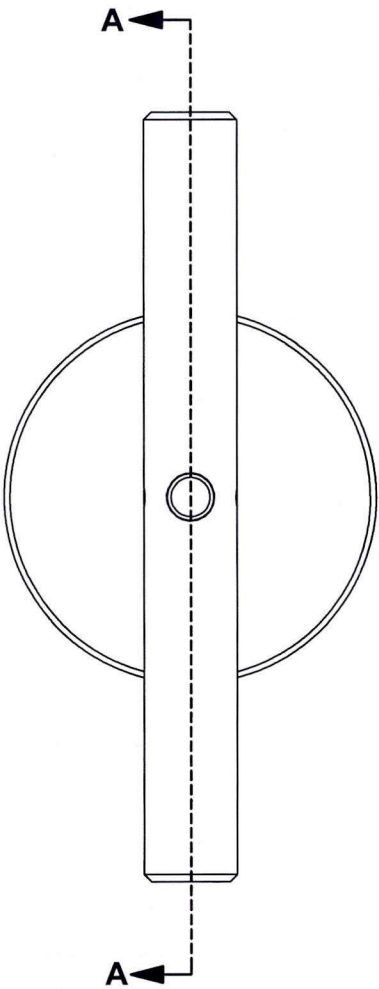
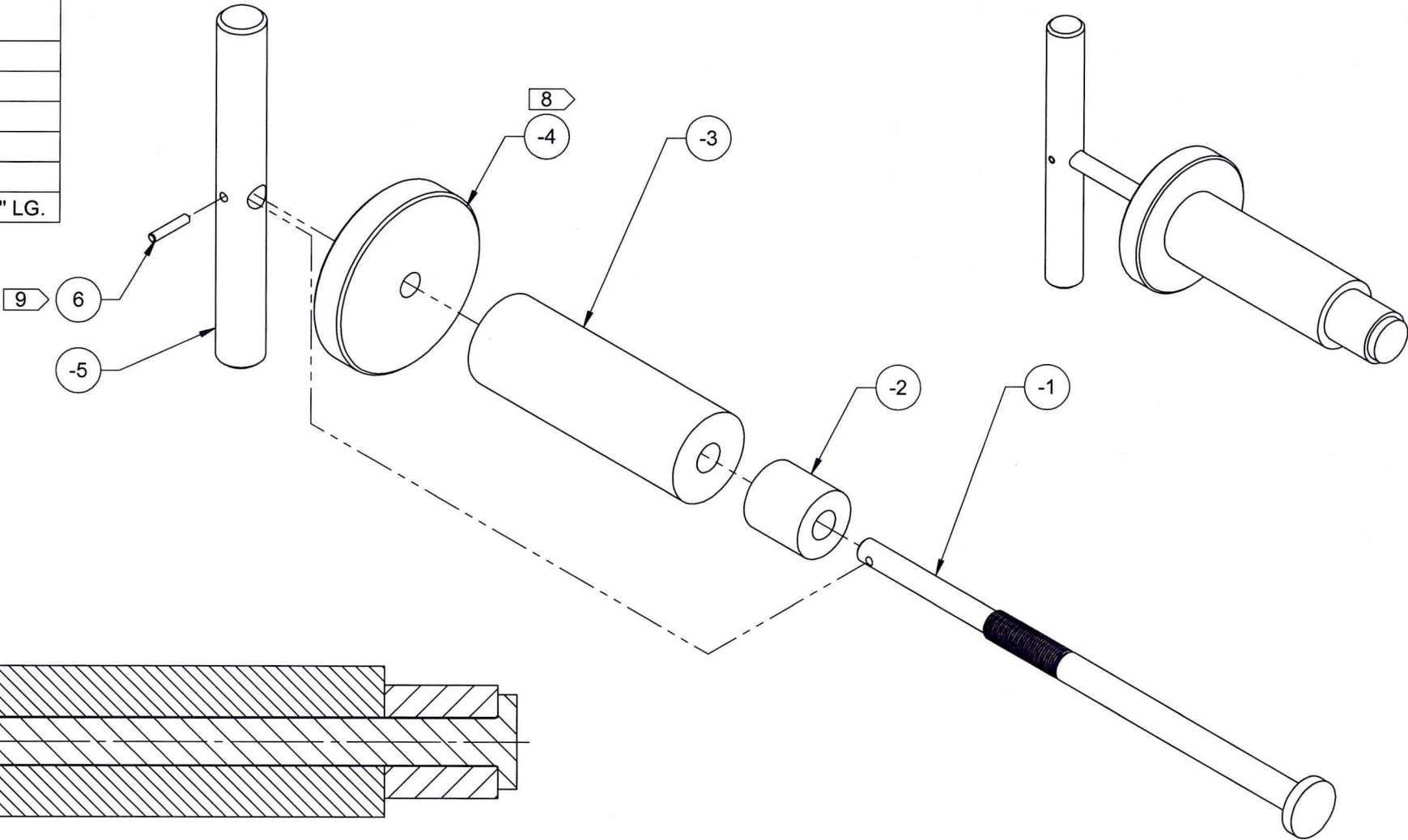


ITEM #	QTY	PART #	PART TITLE
-1	1	RB6795969-1	SHAFT
-2	1	RB6795969-2	SOCKET
-3	1	RB6795969-3	SHANK
-4	1	RB6795969-4	KNURL NUT
-5	1	RB6795969-5	HANDLE
6	1	McMaster#98381A438 OR EQUIV	STEEL DOWEL PIN 3/32" DIA. X 1/2" LG.

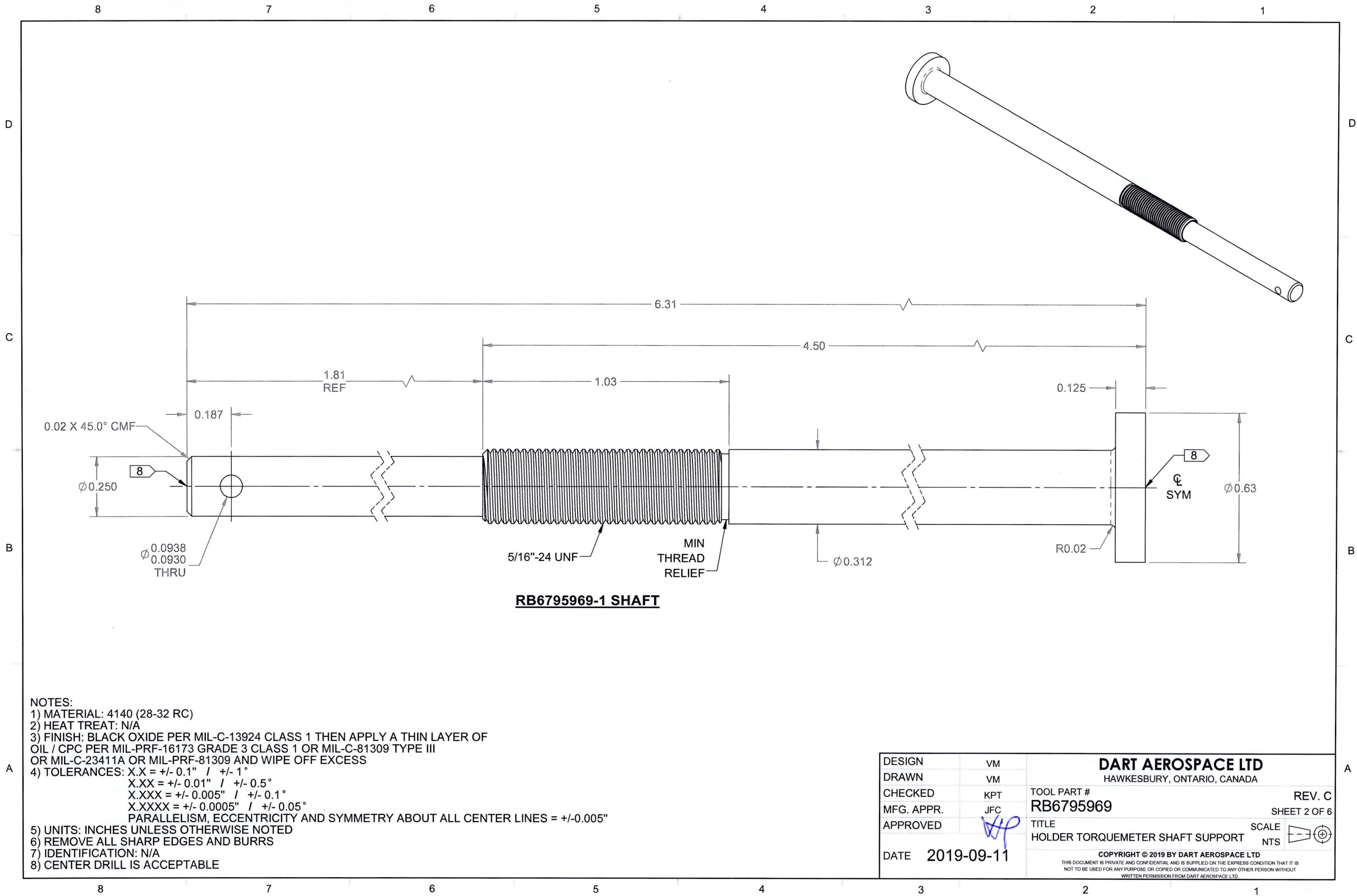


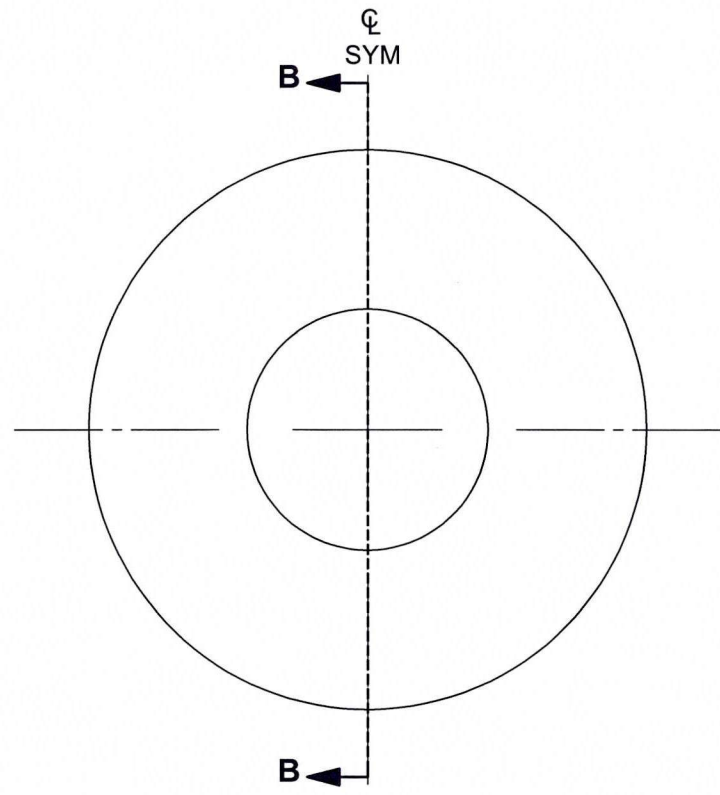
SECTION A-A

RB6795969 HOLDER TORQUEMETER SHAFT SUPPORT

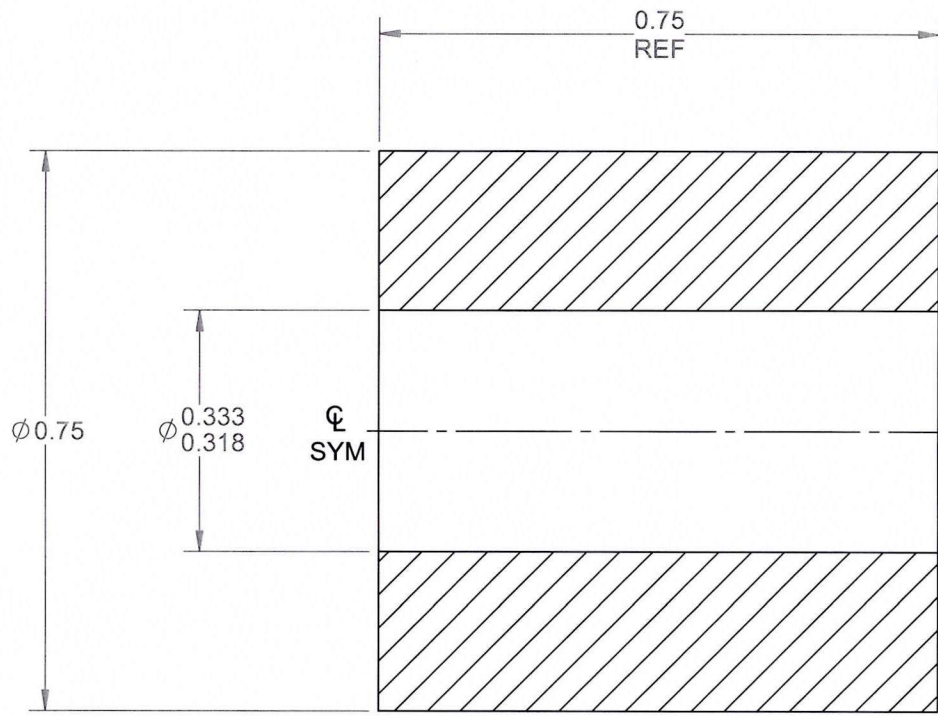
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH:
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) INSTALL ITEM -4 HAND TIGHT
 - 9) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM 6 CENTERED WITH ITEM -1, AND REMOVE EXCESS
 - 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

C	ITEM -5 ADDED ITEM 5 McMaster DOWEL PIN CHANGED FOR ITEM 6	19-898	VM
B	FOR OLD REV SEE PREVIOUS PDF TEMPLATE UPDATED PER DART HBY STANDARDS ITEM -6 CHANGED FOR ITEM 5 ITEM -1 CENTER DRILL NOTE ADDED, MATERIAL 4140 Q&T CHANGED FOR 4140 (28-32 RC), DIMENSION 5/16-32 CHANGED FOR 5/16"-24 UNF, DIMENSION ϕ .0937/.0933 CHANGED FOR ϕ 0.0938/0.0930 THRU, DIMENSION ϕ .25 CHANGED FOR ϕ 0.250, DIMENSION 0.02 X 45° CMF ADDED, MIN THREAD RELIEF ADDED, DIMENSION (ϕ .625) CHANGED FOR ϕ 0.63, DIMENSION ϕ .31 CHANGED FOR ϕ 0.312, DIMENSION R0.02 ADDED ITEM -2 MATERIAL #107 PURE GUM RUBBER CHANGED FOR McMaster#1372N41, DIMENSION .75 CHANGED FOR .75 REF, DIMENSION ϕ .31 CHANGED FOR ϕ 0.323 ITEM -3 ENGRAVING S/N AND "MADE IN USA" REMOVED, MATERIAL 6061 WITH BLACK ANODIZE FINISH CHANGED FOR 6061-T6 / 7075-T6 WITH RED ANODIZE FINISH, DIMENSION (ϕ 1.00) CHANGED FOR ϕ 1.00, DIMENSION ϕ 0.34 CHANGED FOR ϕ 0.323 ITEM -4 MATERIAL 1018 CHANGED FOR 4140 (28-32 RC), DIMENSION (ϕ 2.00) CHANGED FOR ϕ 2.00		VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RB6795969	SHEET 1 OF 6
APPROVED		TITLE	SCALE
		HOLDER TORQUEMETER SHAFT SUPPORT	NTS
DATE	2019-09-11	COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

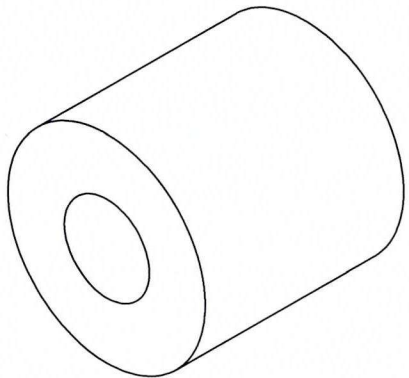





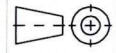
RB6795969-2 SOCKET



SECTION B-B



NOTES:
1) MATERIAL: McMaster#1372N41 OR EQUIV. (MULTIPURPOSE NEOPRENE RUBBER STRIP 2" X 36' X 3/4" THK DURO 40A)
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RB6795969	SHEET 3 OF 6
APPROVED		TITLE	SCALE
DATE	2019-09-11	HOLDER TORQUEMETER SHAFT SUPPORT	NTS 
COPYRIGHT © 2019 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>			

8

7

6

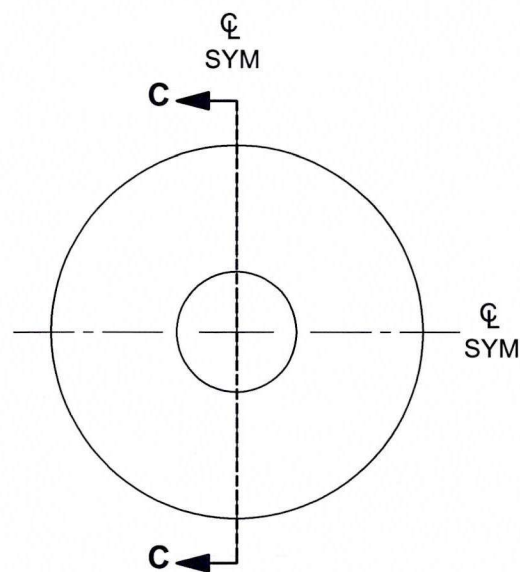
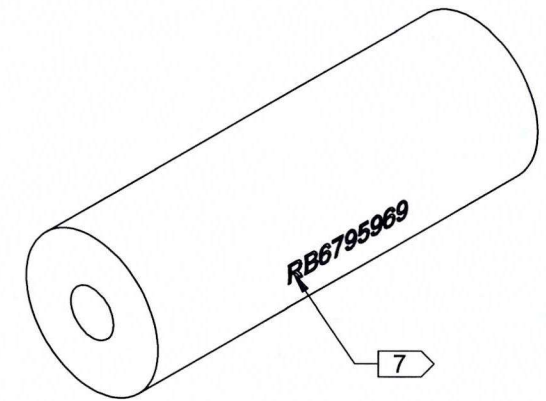
5

4

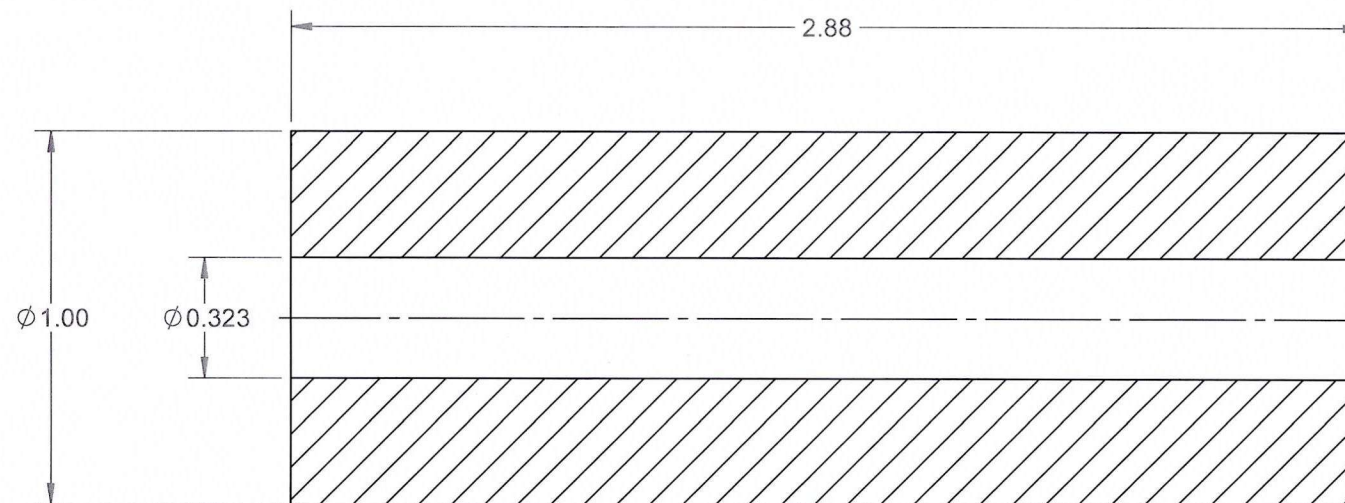
3

2

1



RB6795969-3 SHANK



SECTION C-C

NOTES:

1) MATERIAL: 6061-T6 / 7075-T6

2) HEAT TREAT: N/A

3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°


X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RB6795969", AS SHOWN

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RB6795969	SHEET 4 OF 6
APPROVED		TITLE	SCALE
DATE	2019-09-11	HOLDER TORQUEMETER SHAFT SUPPORT	NTS
COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

8

7

6

5

4

3

2

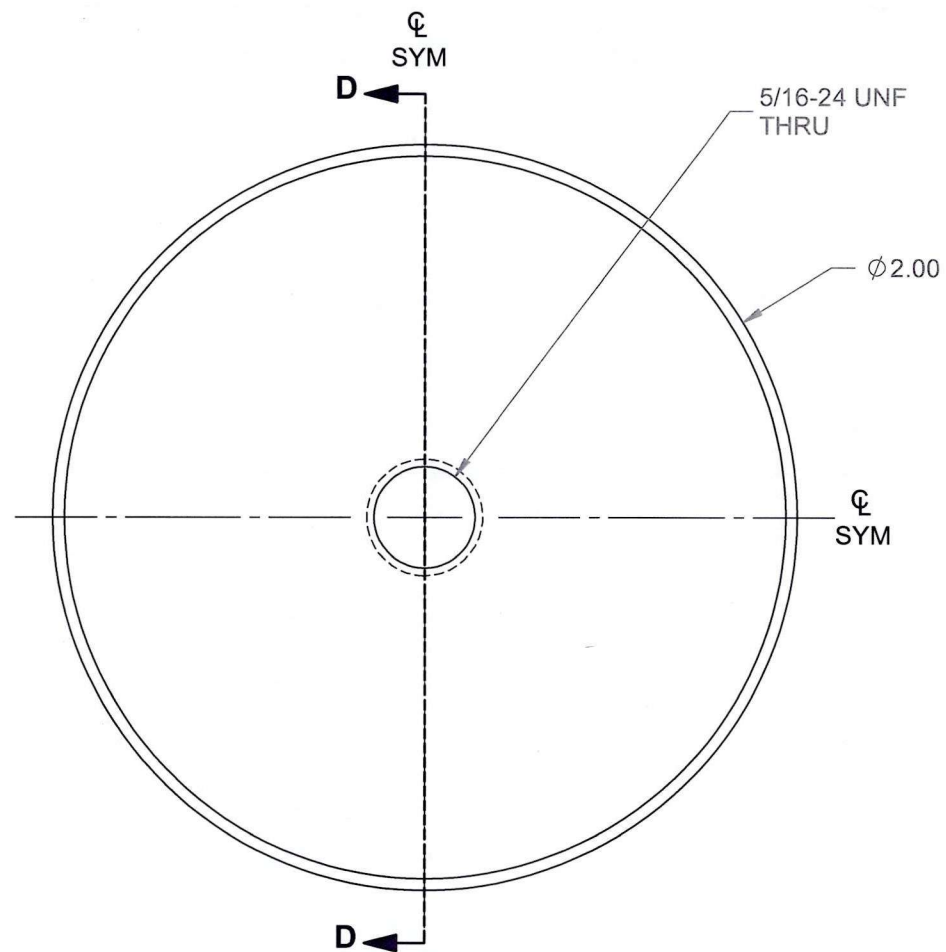
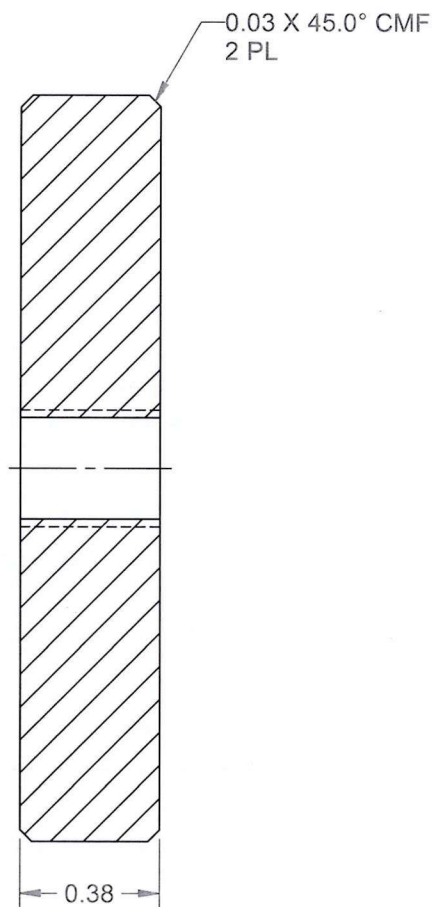
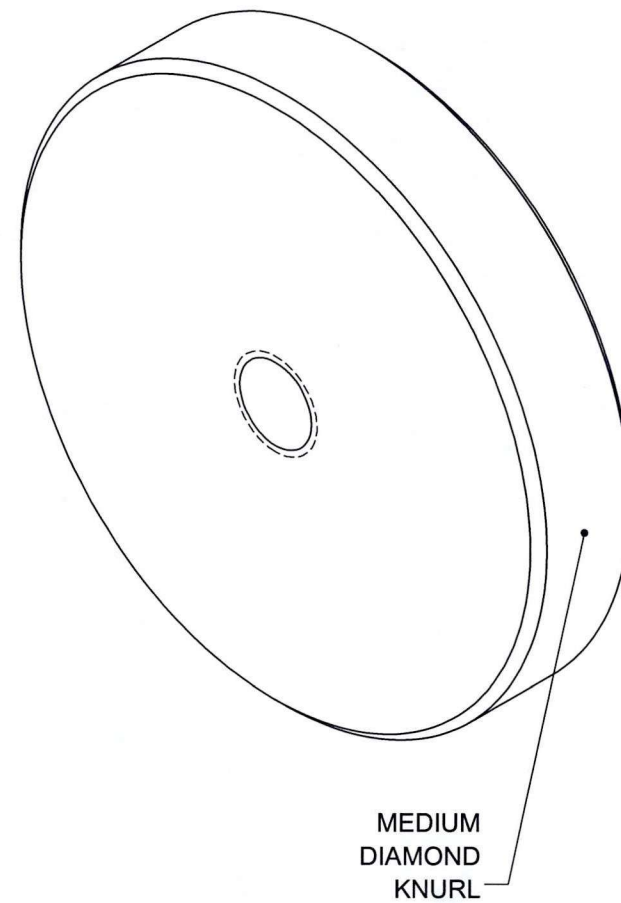
1

D

C

B

A

**RB6795969-4 KNURL NUT****SECTION D-D**

D

C

B

A

NOTES:

1) MATERIAL: 4140 (28-32 RC)

2) HEAT TREAT: N/A

3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

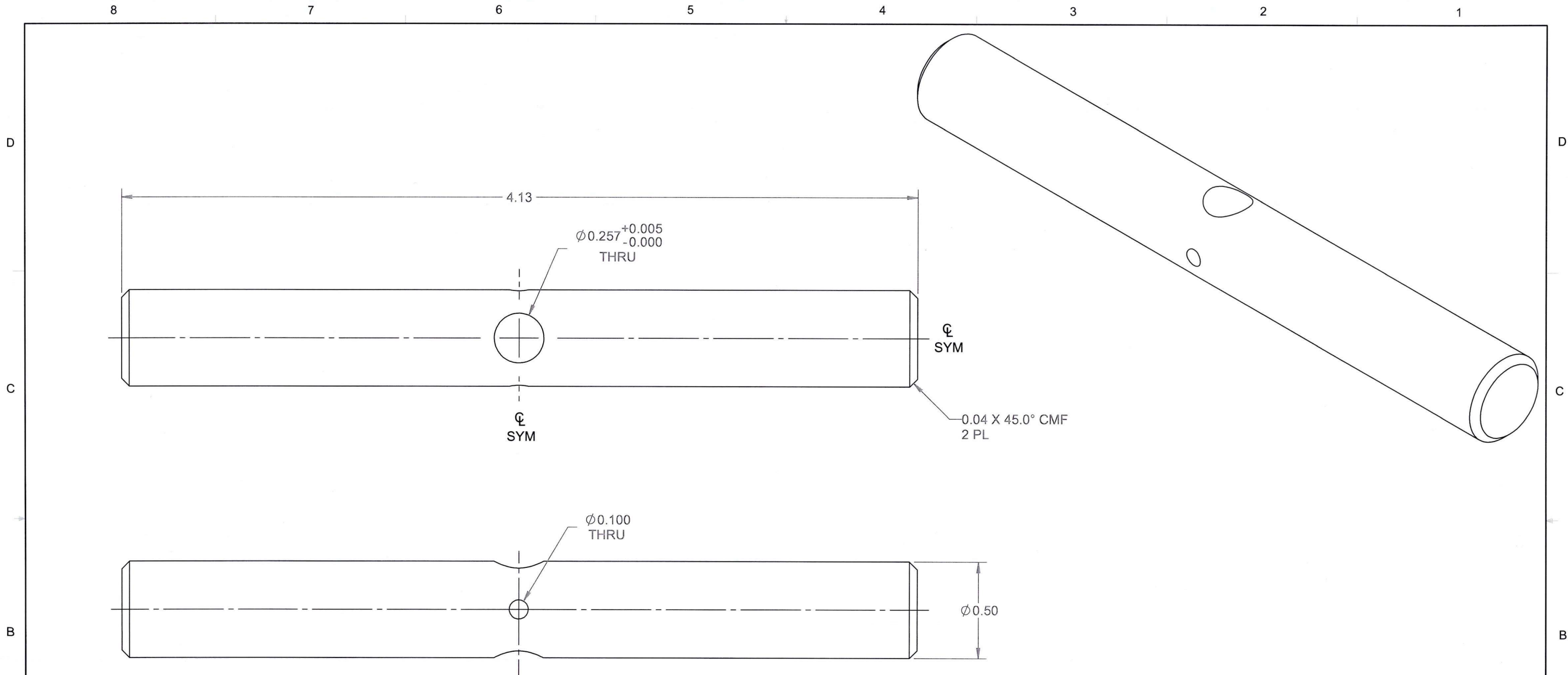
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: N/A



DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RB6795969	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DATE	2019-09-11	HOLDER TORQUEMETER SHAFT SUPPORT	NTS
COPYRIGHT © 2019 BY DART AEROSPACE LTD			
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



RB6795969-5 HANDLE

NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RB6795969	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DATE	2019-09-11	HOLDER TORQUEMETER SHAFT SUPPORT	NTS 
COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			